



#10

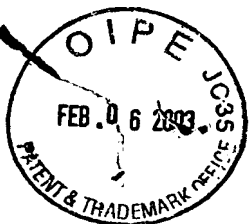
## FIG.1

APPROVED	BY	CLASS	SUBCLASS
		514	300 12
DRAFTSMAN			

ATATTGCTGAGCTCAGGGAGTGAGGGCCCCACATTTGAGACAGTGAGCCCCAAGAAGAGG 60  
GATCCCTGCTCCAGCAGCTGCAAGGTGCAAGAAGAAGATCCCAGGGAGGAAAATGTG 120

M C

CTGGAGACCCCTGTGTGCGTTTCTGTGGCTTTGGTCCTATCTGTCTTATGTTCAAGCAGT 180  
W R P L C R F L W L W S Y L S Y V Q A V 22  
GCCTATCCAGAAAGTCCAGGATGACACCAAAACCCTCATCAAGACCATTGTCCACCAGGAT 240  
P I Q K V Q D D T K T L I K T I V T R I 42  
CAATGACATTTTACACACGCGAGTCGGTATCCGCCAAGCAGAGGGTCACTGGCTTGGACTT 300  
N D I S H T Q S V S A K Q R V T G L D F 62  
CATTCCTGGGCTTACCCCATTTCTGAGTTTGTCCAAGATGGACCAGACTCTGGCAGTCTA 360  
I P G L H P I L S L S K M D Q T L A V Y 82  
TCAACAGGTCCTCACCAGCCTGCCTTCCCAAATGTGCTGCAGATAGCCAATGACCTGGA 420  
Q Q V L T S L P S Q N V L Q I A N D L E 102  
GAATGCCGAGACCTCCTCCATCTGCTGGCCTTCTCCAAGAGCTGCTCCCTGCCTCAGAC 480  
N L R D L L H L L A F S K S C S L P Q T 122  
CAGTGGCTGCAGAAGCCAGAGAGCCTGGATGGCGTCTGGAAGCCTCACTCTACTCCAC 540  
S G L Q K P E S L D G V L E A S L Y S T 142  
AGAGGTGGTGGCTTTGAGCAGGCTGCAGGGCTCTCTGCAGGACATTCTTCAACAGTTGGA 600  
E V V A L S R L Q G S L Q D I L Q Q L D 162  
TGTTAGCCCTGAATGCTGAAGTTTCAAAGGCCACCAGGCTCCCAAGAATCATGTAGAGGG 660  
V S P E C \* 167  
AAGAAACCTTGGCTTCCAGGGGTCTTCAGGAGAAGAGAGCCATGTGCACACATCCATCAT 720  
TCATTTCTCTCCCTCCTGTAGACCACCCATCCAAAGGCATGACTCCACAATGCTTGACTC 780  
AAGTTATCCACACAACCTTCATGAGCACAAGGAGGGGCCAGCCTGCAGAGGGGACTCTCAC 840  
CTAGTTCTTCAGCAAGTAGAGATAAGAGCCATCCCATCCCCCTCCATGTCCACCTGCTCC 900  
GGGTACATGTTTCCCTCCGTGGGTACACGCTTCGCTGCGGGCCAGGAGAGGTGAGGTAGGGA 960  
TGGGTAGAGCCTTTGGGCTGTCTCAGAGTCTTTGGGAGCACCGTGAAGGCTGCATCCACA 1020  
CACAGCTGGAAACTCCCAAGCAGCACACGATGGAAGCACTTATTTATTTATTCTGCATTC 1080  
TATTTTGGATGGATCTGAAGCAAGGCATCAGCTTTTTTTCAGGCTTTGGGGGTGAGCCAGGA 1140  
TGAGGAAGGCTCCTGGGGTGCTGCTTTCAATCCTATTGATGGGTCTGCCCCGAGGCAAACC 1200  
TAATTTTTCAGTGACTGGAAGGAAGGTTGGGATCTTCCAAACAAGAGTCTATGCAGGTAG 1260  
CGCTCAAGATTGACCTCTGGTGACTGGTTTTGTTTCTATTGTGACTGACTCTATCCAAAC 1320  
ACGTTTGCAGCGGCATTGCCGGGAGCATAGGCTAGGTTATTATCAAAAGCAGATGAATTT 1380  
TGTCAGTGTAAATATGTATCTATGTGCACCTAGGAGTAGAGGATGTGTTAGAGGGAGGGT 1440  
GAAGGATCCGGAAGTGTTCTCTGAATTACATATGTGTGGTAGGCTTTTCTGAAAGGGTGA 1500  
GGCATTTTTCTTACCTCTGTGGCCACATAGTGTGGCTTTGTGAAAAGGACAAAGGAGTTGA 1560  
CTCTTTCCGGAACATTTGGAGTGTACCAGGCACCCCTTGGAGGGGGCTAAAGCTACAGGCCCT 1620  
TTTGTGTCATATTGCTGAGCTCAGGGAGTGAGGGCCCCACATTTGAGACAGTGAGCCCC 1680  
AAGAAAAGGGTCCCTGGTGTAGATCTCCAAGGTTGTCCAGGGTTGATCTCACAATGCGTT 1740  
TCTTAAGCAGGTAGACGTTTGCATGCCAATATGTGGTTCTCATCTGATTGGTTTCATCCAA 1800  
AGTAGAACCTGTCTCCACCCATTCTGTGGGGAGTTTTGTTCCAGTGGAATGAGAAAT 1860  
CACTTAGCAGATGGTCCTGAGCCCTGGGCCAGCACTGCTGAGGAAGTGCCAGGGCCCCAG 1920  
GCCAGGCTGCCAGAATTGCCCTTCCGGCTGGAGGATGAACAAAGGGGCTTGGGTTTTTCC 1980  
ATCACCCCTGCACCCTATGTCAACATCAAACCTGGGGGGCAGATCAGTGAGAGGACACTTG 2040  
ATGGAAGCAATACACTTTAAGACTGAGCACAGTTTCGTGCTCAGCTCTGTCTGGTGCTG 2100  
TGAGCTAGAGAAGCTCACCACATACATATAAAATCAGAGGCTCATGTCCCTGTGGTTAG 2160  
ACCCTACTCGCGCGGTGTACTCCACCACAGCAGCACCGCACCGCTGGAAGTACAGTGCT 2220  
GTCTTCAACAGGTGTGAAAGAACCTGAGCTGAGGGTGACAGTGCCCAGGGGAACCTGCT 2280  
TGCAGTCTATTGCATTTACATACCGCATTGACGGGCACATTAGCATCCACTCCTATGGTA 2340  
GCACACTGTTGACAATAGGACAAGGGATAGGGGTTGACTATCCCTTATCCAAAATGCTTG 2400  
GGACTAGAAGAGTTTTGGATTTTAGAGTCTTTTCAGGCATAGGTATATTTGAGTATATAT 2460  
AAAATGAGATATCTTGGGGATGGGGCCCCAAGTATAAACATGAAGTTCAATTTATATTTTCA 2520  
AATACCGTATAGACACTGCTTGAAGTGTAGTTTTTATACAGTGTTTTAAATAACGTTGTAT 2580  
GCATGAAAGACGTTTTTACAGCATGAACCTGTCTACTCATGCCAGCACTCAAAAACCTTG 2640  
GGGTTTTTGGAGCAGTTTGGATCTTGGGTTTTCTGTAAAGAGATGGTTAGCTTATACCTAA 2700  
AACCATAATGGCAAACAGGCTGCAGGACCAGACTGGATCCTCAGCCCTGAAGTGTGCCCT 2760  
TCCAGCCAGGTCATACCCTGTGGAGGTGAGCGGATCAGGTTTTGTGGTGCTAAGAGAGG 2820  
AGTTGGAGGTAGATTTTGGAGGATCTGAGGGC 2852



APPROVED BY DRAFTSMAN	O.G. F.3. CLASS	SUBCLASS
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## FIG.2

---G--GTTG CAAGGCCCAA GAAGCCCA-- -TCCTGGGAA GGAAAATGCA	50
TTGGGGAACC CTGTG-CGGA TTCTTGTGGC TTTGGCCCTA TCTTTTCTAT	100
GTCCAAGCTG TGCCCATCCA AAAAGTCCAA GATGACACCA AAACCCTCAT	150
CAAGACAATT GTCACCAGGA TCAATGACAT TTCACACACG CAGTCAGTCT	200
CCTCCAAACA GAAAGTCACC GGTTTGGACT TCATTCTCTGG GCTCCACCCC	250
ATCCTGACCT TATCCAAGAT GGACCAGACA CTGGCAGTCT ACCAACAGAT	300
CCTCACCAGT ATGCCTTCCA GAAACGTGAT CCAAATATCC AACGACCTGG	350
AGAACCTCCG GGATCTTCTT CACGTGCTGG CCTTCTCTAA GAGCTGCCAC	400
TTGCCCTGGG CCAGTGGCCT GGAGACCTTG GACAGCCTGG GGGGTGTCCT	450
GGAAGCTTCA GGCTACTCCA CAGAGGTGGT GGCCCTGAGC AGGCTGCAGG	500
GGTCTCTGCA GGACATGCTG TGGCAGCTGG ACCTCAGCCC TGGGTGCTGA	550
GGCCTTGAAG GTCACTCTTC CTGCAAGGAC T-ACGTTAAG GGAAGGAACT	600
CTGGTTTCCA GGTATCTCCA GGATTGAAGA GCATTGCATG GACACCCCTT	650
ATCCAGGACT CTGTCAATTT CCCTGACTCC TCTAAGCCAC TCTTCCAAAG	700
G	701

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1 MET HIS TRP GLY THR LEU CYS GLY PHE LEU TRP LEU TRP PRO TYR  
 16 LEU PHE TYR VAL GLN ALA VAL PRO ILE GLN LYS VAL GLN ASP ASP  
 31 THR LYS THR LEU ILE LYS THR ILE VAL THR ARG ILE ASN ASP ILE  
 46 SER HIS THR GLN SER VAL SER SER LYS GLN LYS VAL THR GLY LEU  
 61 ASP PHE ILE PRO GLY LEU HIS PRO ILE LEU THR LEU SER LYS MET  
 76 ASP GLN THR LEU ALA VAL TYR GLN GLN ILE LEU THR SER MET PRO  
 91 SER ARG ASN VAL ILE GLN ILE SER ASN ASP LEU GLU ASN LEU ARG  
 106 ASP LEU LEU HIS VAL LEU ALA PHE SER LYS SER CYS HIS LEU PRO  
 121 TRP ALA SER GLY LEU GLU THR LEU ASP SER LEU GLY GLY VAL LEU  
 136 GLU ALA SER GLY TYR SER THR GLU VAL VAL ALA LEU SER ARG LEU  
 151 GLN GLY SER LEU GLN ASP MET LEU TRP GLN LEU ASP LEU SER PRO  
 166 GLY CYS END

FIG.3





APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

MOUSE	MCWRPLCRFL WLWSYLSYVQ AVPIQKVODD TKTLIKTIVT RINDISHTQS	50
	* * *	
HUMAN	MHWGTLGGFL WLWPLYFYVQ AVPIQKVODD TKTLIKTIVT RINDISHTQS	
MOUSE	WSAKQRTVGL DFIPGLHPIL SLSKMDQTLA VYQOVLTSPL SQNVLOIAND	100
	* - - *	
HUMAN	VSSKQKVTGL DFIPGLHPIL TLSKMDQTLA VYQOILTSMP SRNVQISND	
MOUSE	LENLRDLLHL LAFSKSCSLP QTSGLQKPES LDGVLEASLY STEVVALSRL	150
	- * ** *** - *	
HUMAN	LENLRDLLHV LAFSKSCHLP WASGLETLDS LGGVLEASGY STEVVALSRL	
MOUSE	QGSLODILQQ LDVSPEC	167
	- * - *	
HUMAN	QGSLODMLWQ LDLSPGC	

FIG.4

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



1 MET CYS TRP ARG PRO LEU CYS ARG PHE LEU TRP LEU TRP SER TYR  
 16 LEU SER TYR VAL GLN ALA VAL PRO ILE GLN LYS VAL GLN ASP ASP  
 31 THR LYS THR LEU ILE LYS THR ILE VAL THR ARG ILE ASN ASP ILE  
 46 SER HIS THR SER VAL SER ALA LYS GLN ARG VAL THR GLY LEU ASP  
 61 PHE ILE PRO GLY LEU HIS PRO ILE LEU SER LEU SER LYS MET ASP  
 76 GLN THR LEU ALA VAL TYR GLN GLN VAL LEU THR SER LEU PRO SER  
 91 GLN ASN VAL LEU GLN ILE ALA ASN ASP LEU GLU ASN LEU ARG ASP  
 106 LEU LEU HIS LEU LEU ALA PHE SER LYS SER CYS SER LEU PRO GLN  
 121 THR SER GLY LEU GLN LYS PRO GLU SER LEU ASP GLY VAL LEU GLU  
 136 ALA SER LEU TYR SER THR GLU VAL VAL ALA LEU SER ARG LEU GLN  
 151 GLY SER LEU GLN ASP ILE LEU GLN GLN LEU ASP VAL SER PRO GLU  
 166 CYS END

FIG.5

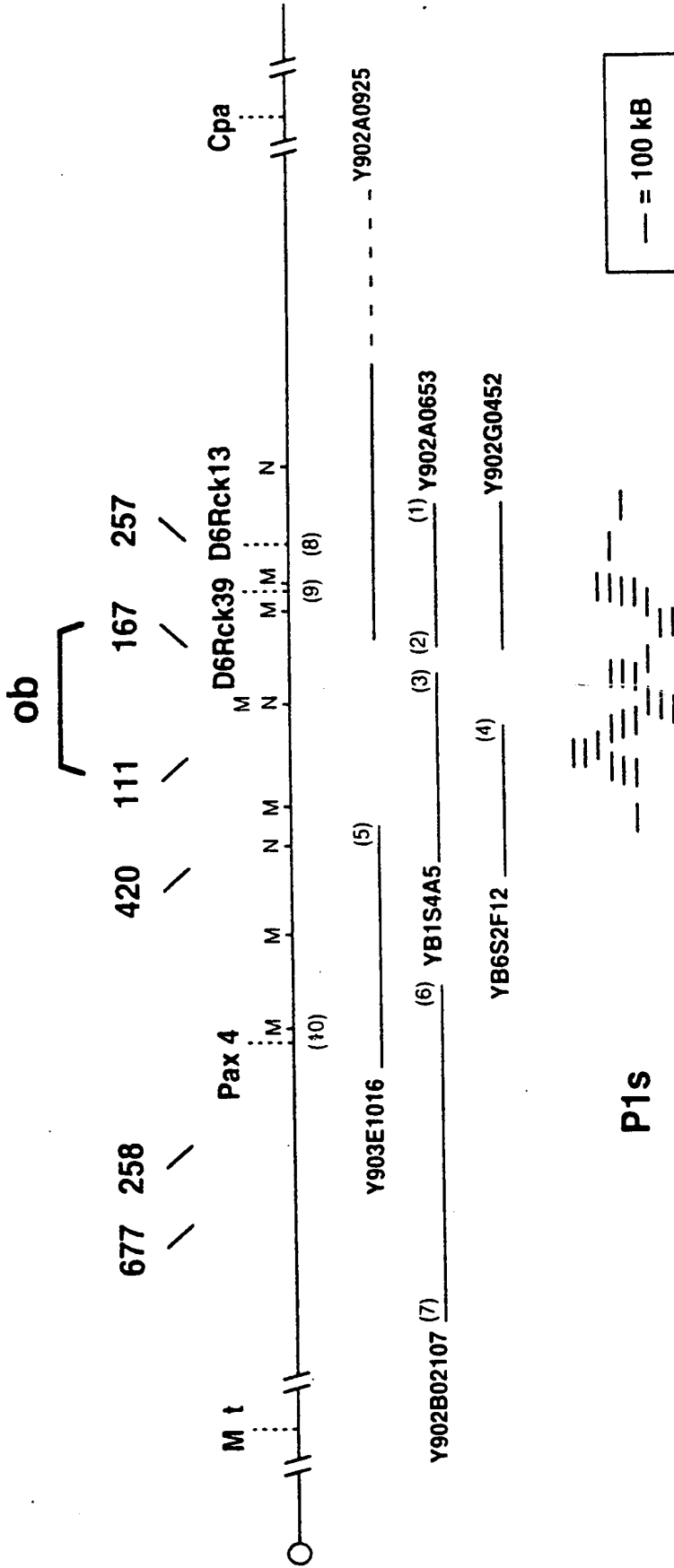
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



1 MET HIS TRP GLY THR LEU CYS GLY PHE LEU TRP LEU TRP PRO TYR  
 16 LEU PHE TYR VAL GLN ALA VAL PRO ILE GLN LYS VAL GLN ASP ASP  
 31 THR LYS THR LEU ILE LYS THR ILE VAL THR ARG ILE ASN ASP ILE  
 46 SER HIS THR SER VAL SER SER LYS GLN LYS VAL THR GLY LEU ASP  
 61 PHE ILE PRO GLY LEU HIS PRO ILE LEU THR LEU SER LYS MET ASP  
 76 GLN THR LEU ALA VAL TYR GLN GLN ILE LEU THR SER MET PRO SER  
 91 ARG ASN VAL ILE GLN ILE SER ASN ASP LEU GLU ASN LEU ARG ASP  
 106 LEU LEU HIS VAL LEU ALA PHE SER LYS SER CYS HIS LEU PRO TRP  
 121 ALA SER GLY LEU GLU THR LEU ASP SER LEU GLY GLY VAL LEU GLU  
 136 ALA SER GLY TYR SER THR GLU VAL VAL ALA LEU SER ARG LEU GLN  
 151 GLY SER LEU GLN ASP MET LEU TRP GLN LEU ASP LEU SER PRO GLY  
 166 CYS END

FIG.6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



**FIG.7**



APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

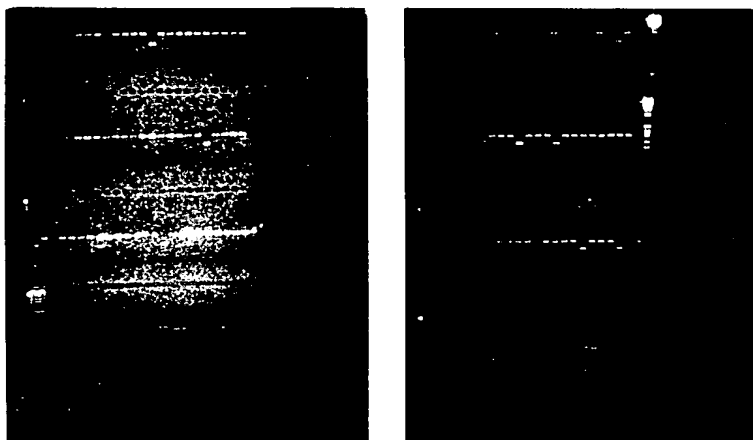


FIG. 8





APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

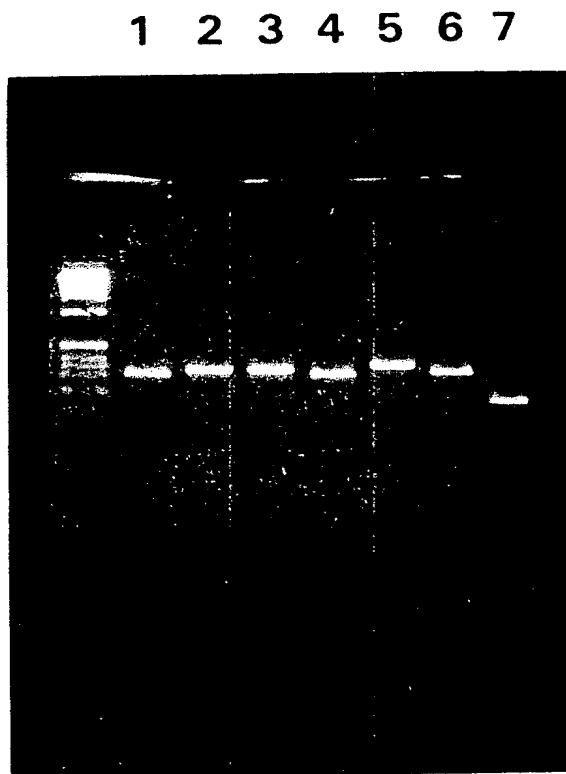


FIG.9



APPROVED	BY	CLASS	SUBCLASS
	DRAFTSMAN		

+10	+20	+30	+40
GTGCAAGAAG	AAGAAGATCC	<u>CAGGGCAGGA</u>	AAATGTGCTG
-----	-----	-----	GAGACCCCTG
CACGTTCTTC	TTCTTCTAGG	GTCCCGTCCT	TTTACACGAC
-----	-----	-----	CTCTGGGGAC
+10	+20	+30	+40
TGTCGGGTCC	NGTGGNTTTG	GTCCTATCTG	TCCTATGTNC
-----	-----	-----	AAGCAGTGCC
ACAGCCCAGG	NCACCNAAC	CAGGATAGAC	AGAATACANG
-----	-----	-----	TTCGTCACGG
+10	+20	+30	+40
TATCCAGAAA	GTCCAGGATG	ACACCAAAG	CCTCATCAAG
-----	-----	-----	ACCATGTGCA
<u>ATAGGTCITT</u>	<u>CAGGTCCTAC</u>	TGTGGTTTTC	GGAGTAGTTC
-----	-----	-----	TGGTAACAGT
+10	+20	+30	+40
NCAGGATCAC	TGANATTTCA	CACACG	
-----	-----	-----	
NGTCCTAGTG	ACTNTAAAGT	GTGTGC	

FIG.10



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

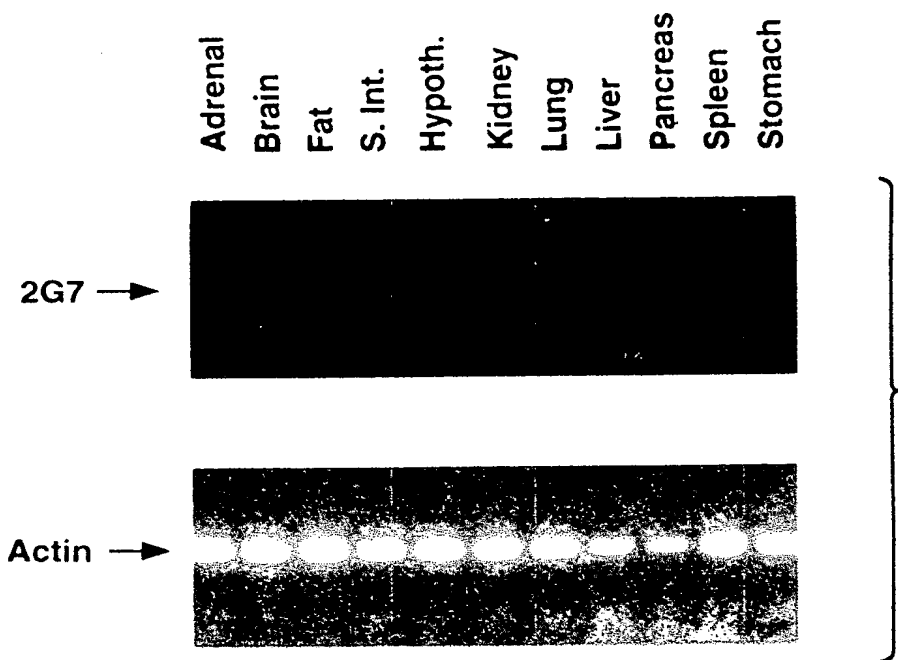


FIG.11A



APPROVED	O.G. 503	
BY	CLASS	SUBCLASS
DRAFTSMAN		

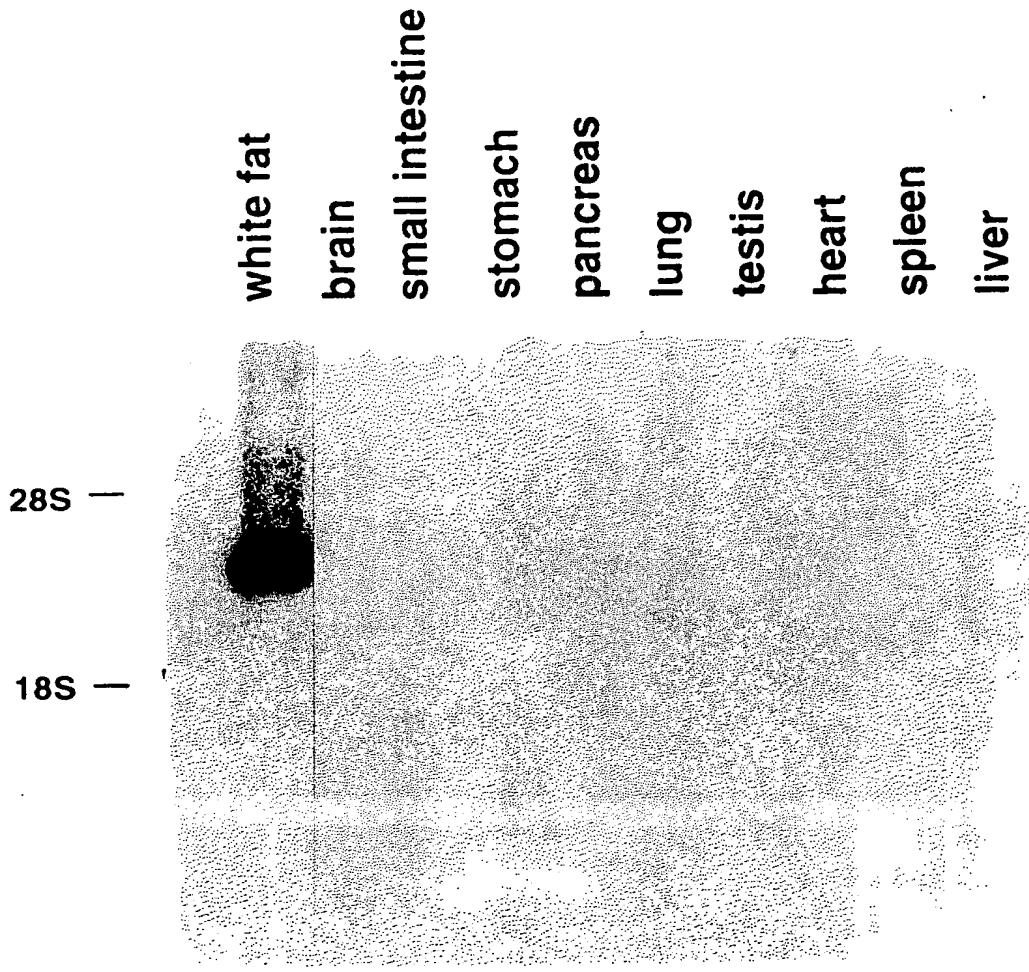


FIG.11B



APPROVED	O.G. FIG.	SUE CLASS
BY	CLASS	
DRAFTSMAN		

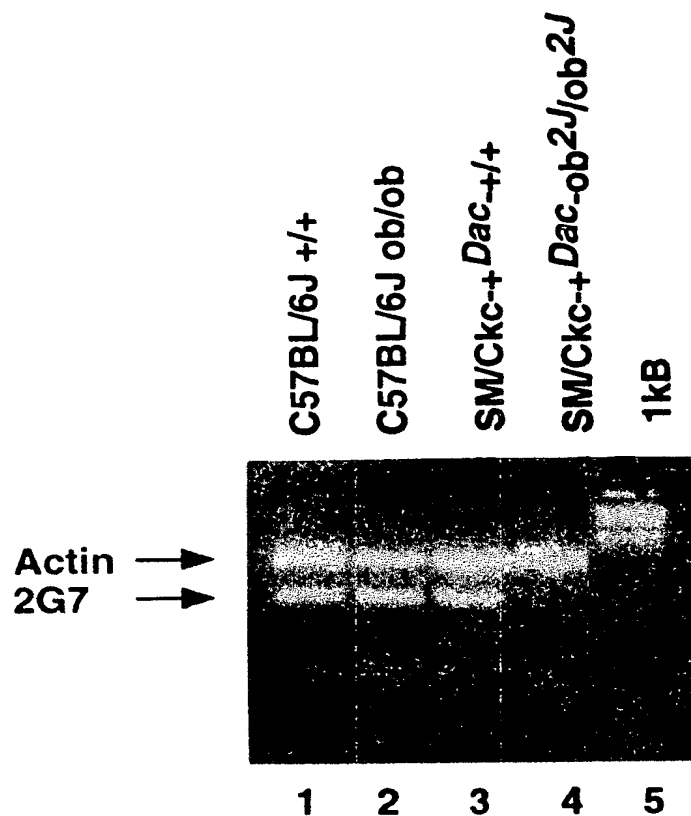


FIG.12A



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

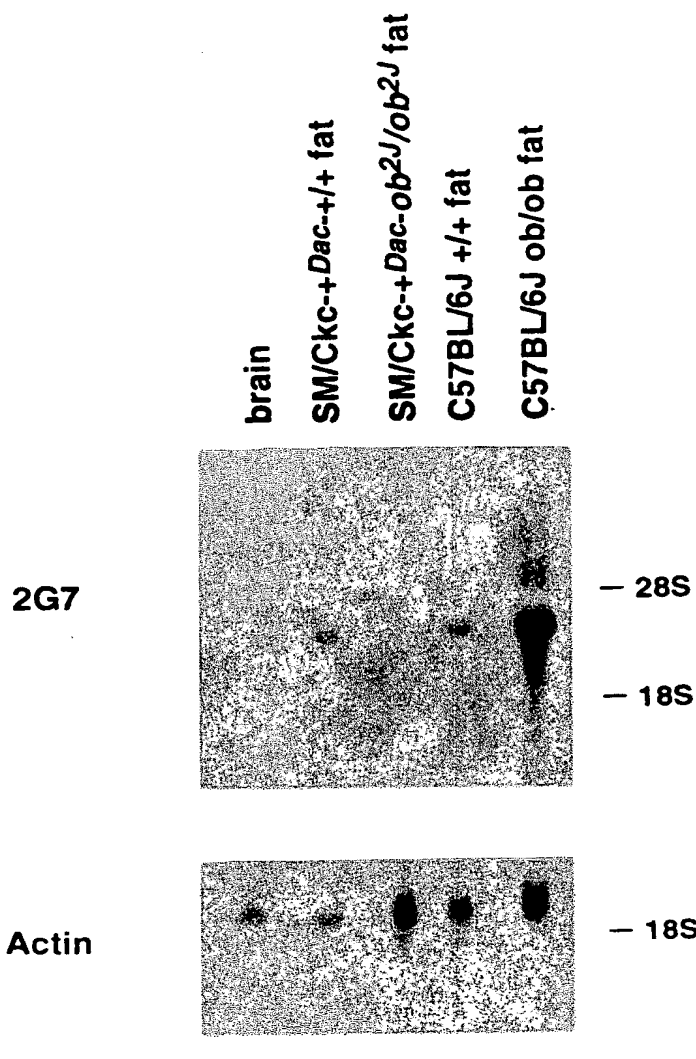
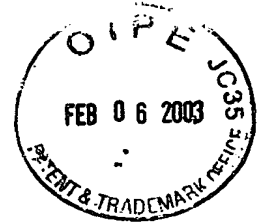
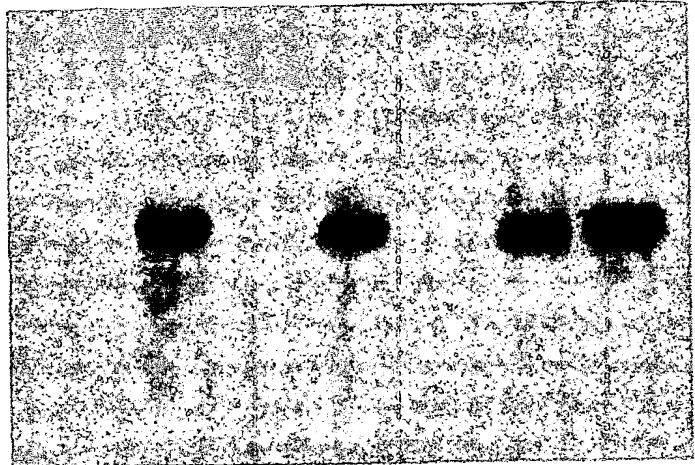


FIG.12B

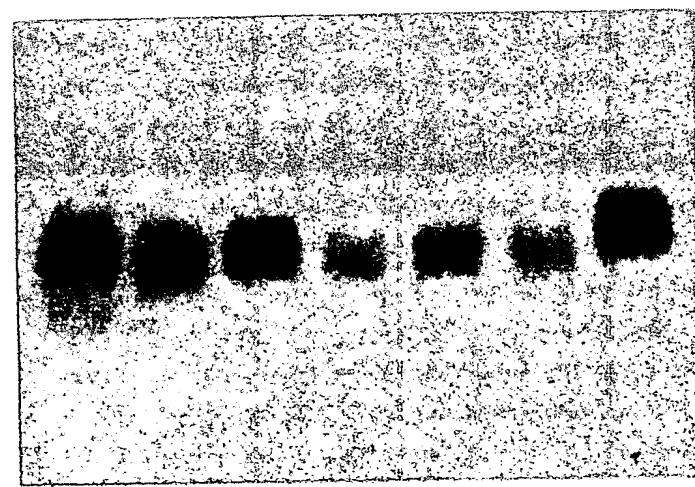


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

2G7



ap2



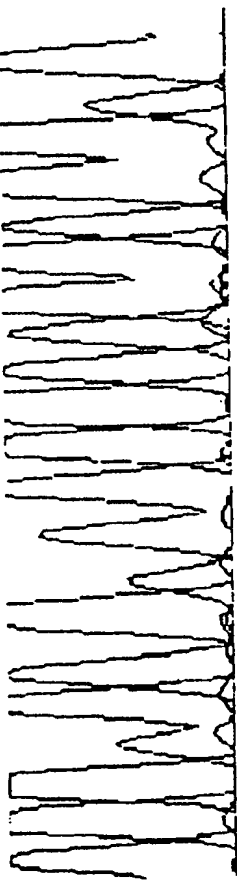
SM/Ckc-+ *Dac-ob2J/ob2J*  
SM/Ckc-+ *Dac-+/?*  
SM/Ckc-+ *Dac-ob2J/ob2J*  
SM/Ckc-+ *Dac-+/?*  
SM/Ckc-+ *Dac-ob2J/ob2J*  
SM/Ckc-+ *Dac-+/?*  
SM/Ckc-+ *Dac-+/?*

FIG.13



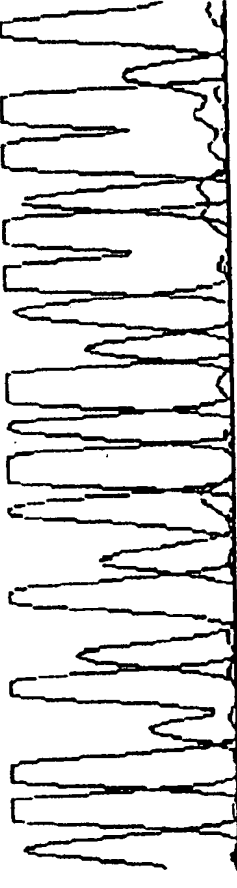
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

**A.A. Sq.** 102 103 104 105 106 107 108  
**DNA Sq.** G l u A s n L e u A r g A s p L e u L e u  
G A G A A T C T C C G A G A C C T C C T C



**C57BL/6J**

**A.A. Sq.** 102 103 104  
**DNA Sq.** G l u A s n L e u S t o p  
G A G A A T C T C T G A G A C C T C C T C



**C57BL/6J ob/ob**

**FIG.14**



APPROVED	O.C. FIG.	SUBCLASS
BY	CLASS	
DRAFTSMAN		

Dpn II				Rsa I				Bgl II				Alu I			
SM/Ckc-+ <i>Dac-ob2J/ob2J</i>	SM/Ckc-+ <i>Dac-+/+</i>	C57BL/6J <i>ob/ob</i>	C57BL/6J <i>+/+</i>	SM/Ckc-+ <i>Dac-ob2J/ob2J</i>	SM/Ckc-+ <i>Dac-+/+</i>	C57BL/6J <i>ob/ob</i>	C57BL/6J <i>+/+</i>	SM/Ckc-+ <i>Dac-ob2J/ob2J</i>	SM/Ckc-+ <i>Dac-+/+</i>	C57BL/6J <i>ob/ob</i>	C57BL/6J <i>+/+</i>	SM/Ckc-+ <i>Dac-ob2J/ob2J</i>	SM/Ckc-+ <i>Dac-+/+</i>	C57BL/6J <i>ob/ob</i>	C57BL/6J <i>+/+</i>

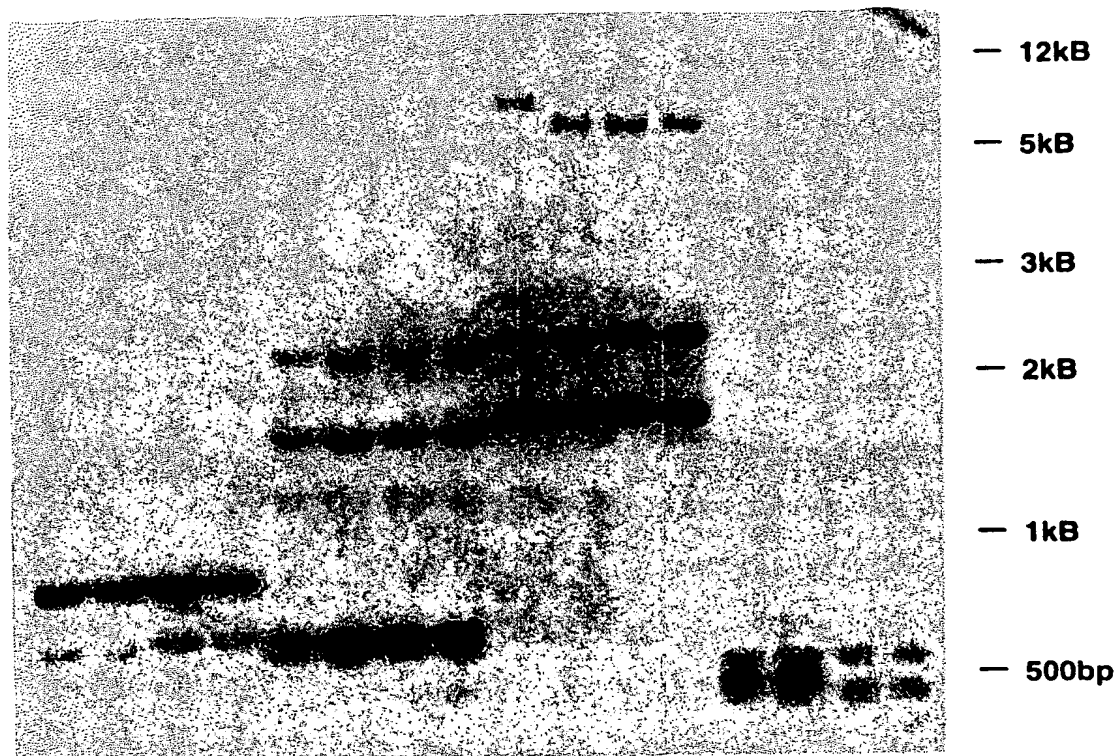


FIG.15A



APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

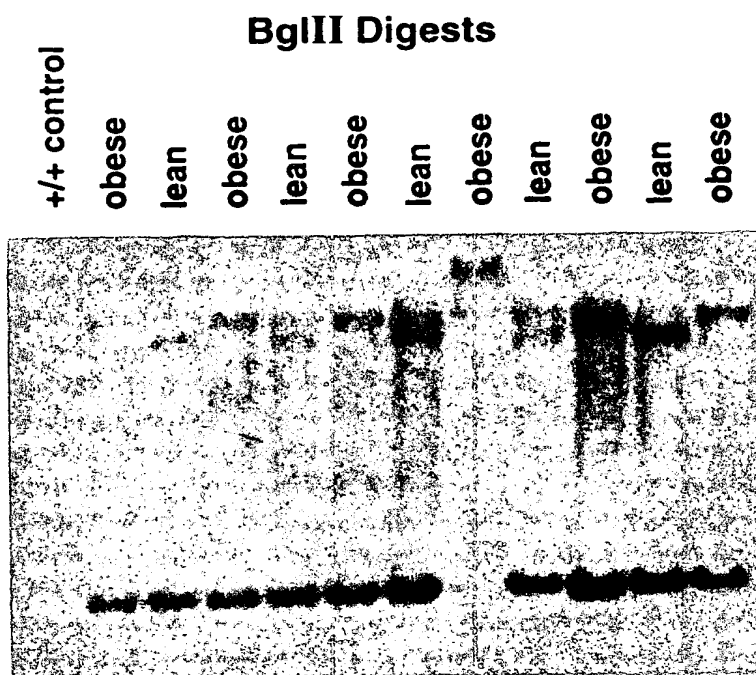


FIG.15B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

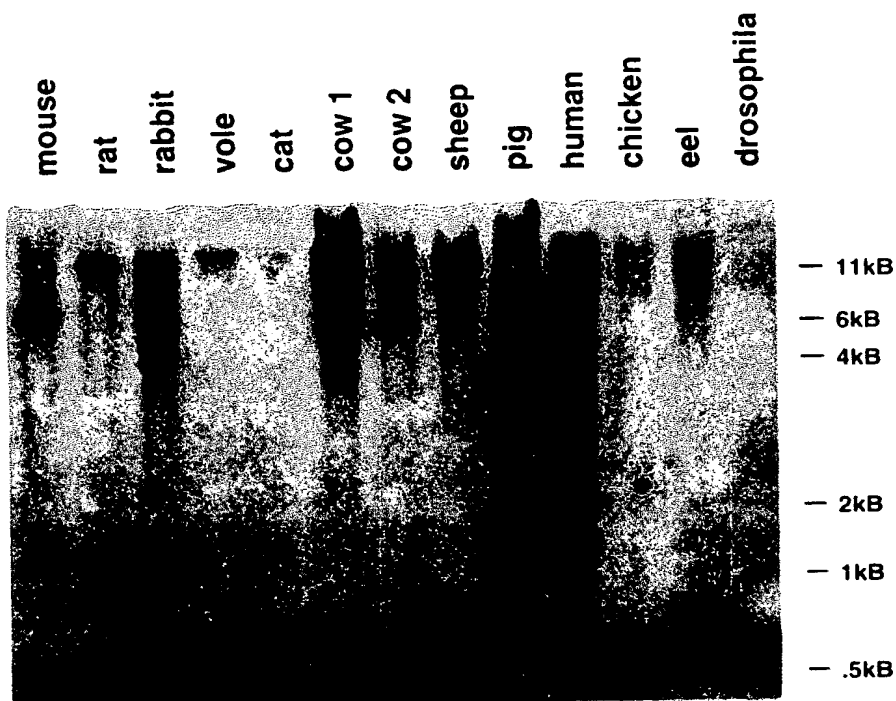


FIG.16

APPROVED	O.C. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



T7 PROMOTER PRIMER 69348-1

----->

T7 PROMOTER

----->

BGLII AGATCTCGATCCGCGGAATTAACGACTCACTATAGGGAATTGTGAGCGGATAACAATCCCTCTACA LAC OPERATOR XBAI

RBS AATAATTTGTTAACTTAAAGAGGAGATATACCATGGGCAGCAGCCATCATCATCATCACAGCAGCGGC NcoI HIS-TAG  
METGLYSERSerHISHISHISHISerSergLY

NDEI XhoI BamHI

CTGGTGCGCGGCAGCCATATGCTCGAGGATCCGCTGCTAACAAAGCCGAAGAGCTGAGTTGGCT  
LEUVALPROARGGLYSerHISMETLEUGLUASPPROALAAASNLYSALAARGLYSGLUALAGLULEUALA  
 THROMBIN

BpuI1021 GCTGCCACCGCTGAGCAATAACTAGCATAACCCCTTGGGGCCTCTAAACGGGCTCTGAGGGGTTTTTG T7 TERMINATOR  
ALAAATHRALAGLUGLNEND

<-----

T7 TERMINATOR PRIMER #69337-1

FIG.17



APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

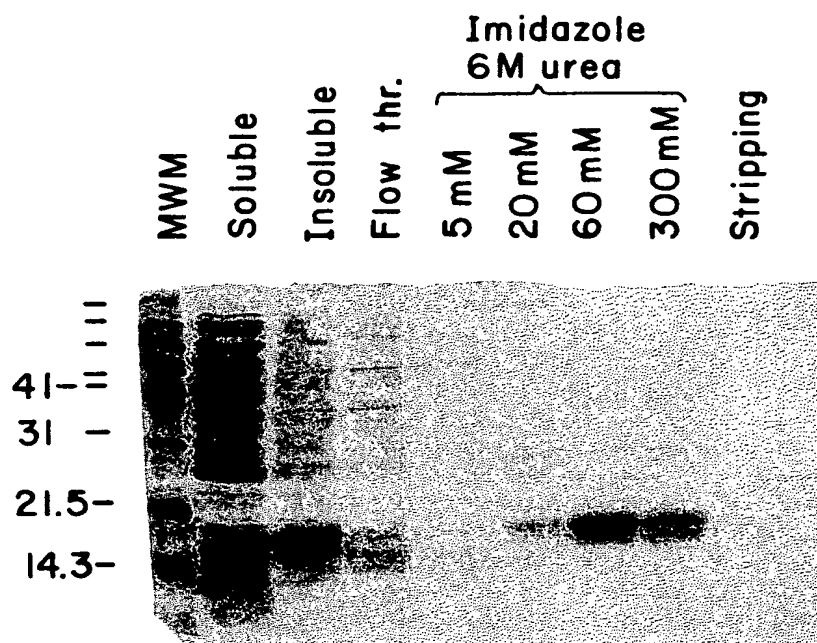


FIG.18A

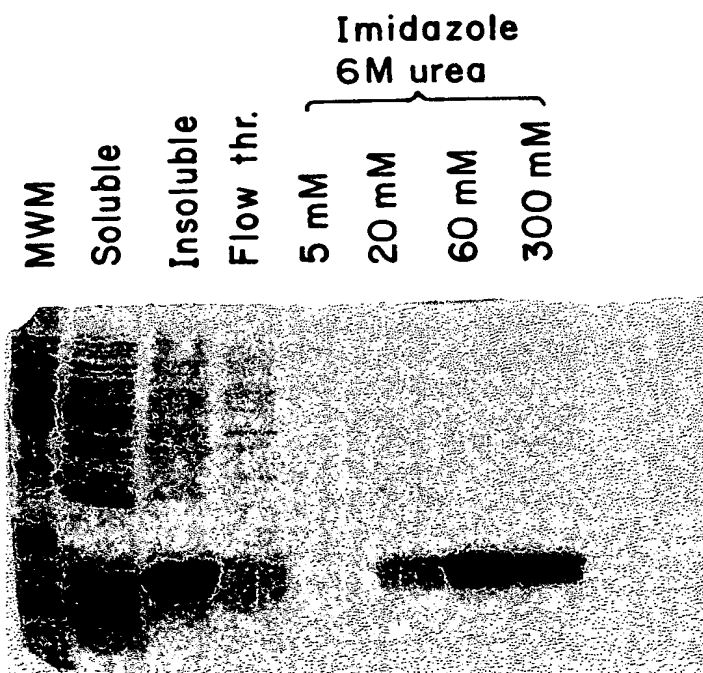


FIG.18B



APPROVED	BY	CLASS	SUBCLASS
0.0.1.1.2.			
DRAFTSMAN			

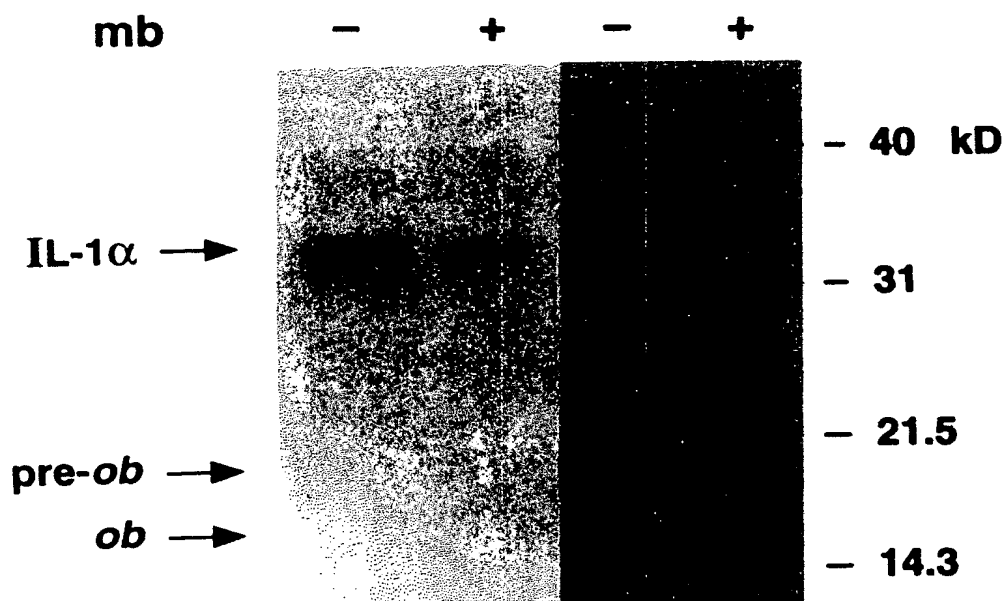


FIG.19A



APPROVED	10.0.113	SUBCLASS
BY	CLASS	
DRAFTSMAN		

<b>Triton X-100</b>	-	-	-	-	+
<b>Proteinase K</b>	-	-	+	+	+
<b>Microsome</b>	-	+	-	+	+



FIG.19B



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

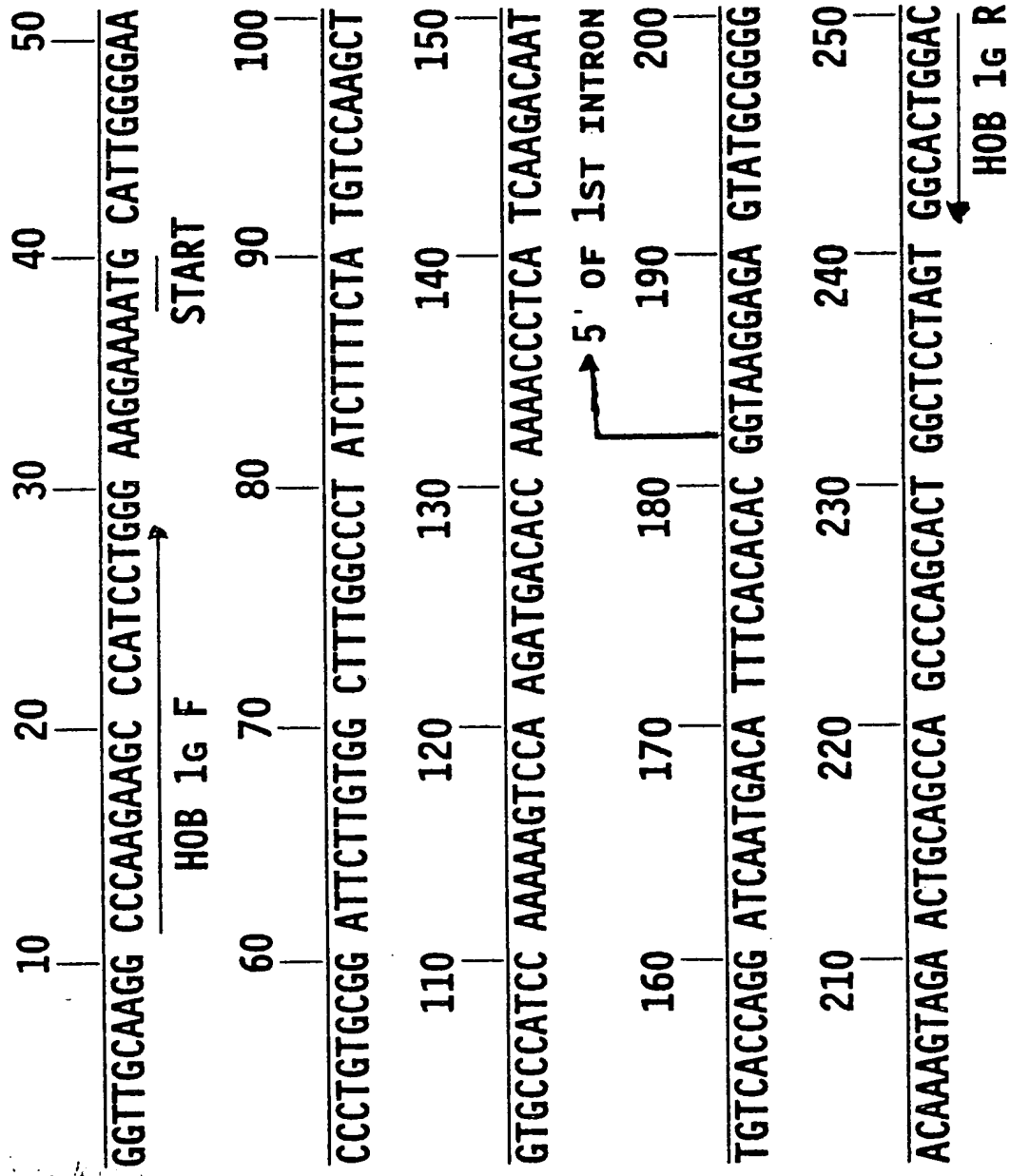


FIG.20A





APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

260	270	280	290	300
<u>CCAGATAGTC CAAGAAACAT TTATTGAACG CCTCCTGAAT GCCAGGCACC</u>				
310	320	330	340	350
<u>TACTGGAAGC TGAGAAGGAT TTTGGATAGC ACAGGGCTCC ACTCTTCTG</u>				
360	370	380	390	400
<u>GTTGTTTCTT NTGGCCCCCT CTGCCCTGCTG AGATNCCAGG GGTTAGNGGT</u>				
410	420	430	440	450
<u>TCTTAATTCC TAAA-----CT</u>				
GAP OF SEQUENCE (~1.4 KB)				
460	470	480	490	500
<u>GGTTCITTCA GGAAGAGGCC ATGTAAGAGA AAGGAATTGA CCTAGGGAAA</u>				

FIG.20A-1



APPROVED	0.3 H.G.
BY	CLASS
DRAFTSMAN	SUBCLASS

510	520	530	540	550
<u>ATTGGCCTGG GAAGTGGAGG GAACGGATGG TGTGGGAAA GCAGGAATCT</u>				
560	570	580	590	600
<u>CGGAGACCAG CTTAGAGGCT TGGCAGTCAC CTGGGTGCAG GANACAAGGG</u>				
610	620	630	640	650
<u>CCTGAGCCAA AGTGGTGAGG GAGGGTGGAA GGAGACAGCC CAGAGAATGA</u>				
660	670	680	690	700
<u>CCCTCCATGC CCACGGGGAA GGCAGAGGGC TCTGAGAGCG ATTCTCTCCA</u>				
3' OF 1ST INTRON 4'				
710	720	730	740	750
<u>CATGCTGAGC ACTIGTTCTC CCTCTTCCTC CTNCATAGCA GTCAGTCTCC</u>				
HOB 2G F				

FIG.20A-2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



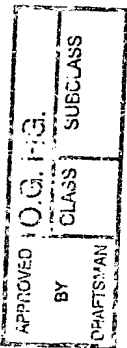
760	770	780	790	800
<u>TCCAACAGA AAGTACCGG TTTGGACTTC ATTCCTGGG TCCACCCCAT</u>				
810	820	830	840	850
<u>CCTGACCTTA TCCAAGATGG ACCAGACACT GGCAGTCTAC CAACAGATCC</u>				
860	870	880	890	900
<u>TCACCAGTAT GCCTTCCAGA AACGTGATCC AAATATCCAA CGACCTGGAG</u>				
910	920	930	940	950
<u>AACCTCCGG ATCTTCTTCA CGTGCTGGCC TTCTCTAAGA GCTGCCACTT</u>				
960	970	980	990	1000
<u>GCCCTGGGC AGTGGCCTGG AGACCTTGGA CAGCCTGGG GGTGTCCTGG</u>				

FIG.20A-3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1010	1020	1030	1040	1050
<u>AAGCTTCAGG CTACTCCACA GAGGTGGTGG CCTGAGCAG GCTGCAGGGG</u>				
1060	1070	1080	1090	1100
<u>TCTCTGCAGG ACATGCTGTG GCAGCTGGAC CTCAGCCCTG GGTGCTGAGG</u>				
STOP				
1110	1120	1130	1140	1150
<u>CCTTGAAGT CACTCTTCCT GCAAGGACTA CGTTAAGGA AGGAACTCTG</u>				
1160	1170	1180	1190	1200
<u>GCTTTCAGG TATCTCCAGG ATTGAAGAGC ATTGCATGGA CACCCCTTAT</u>				
HOB 2G R				
1210	1220	1230	1240	1249
<u>CCAGGACTCT GTCAATTTC CTGACTCCTC TAAGCCACTC TTCCAAGG</u>				

FIG.20A-4



**1st ex      1st intr      2nd ex                  2nd intr      3rd exon**

\_\_\_\_\_//\_\_\_\_\_**ATG**\_\_\_\_\_//\_\_\_\_\_TGA\_\_\_\_\_

start stop

## HUMAN OB STRUCTURE

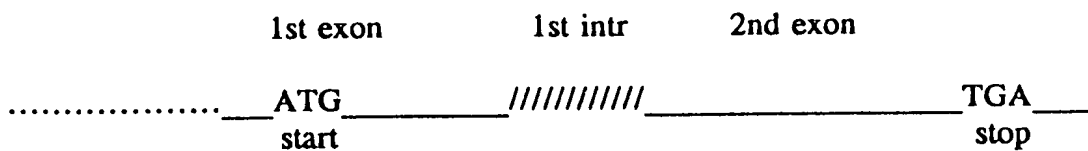
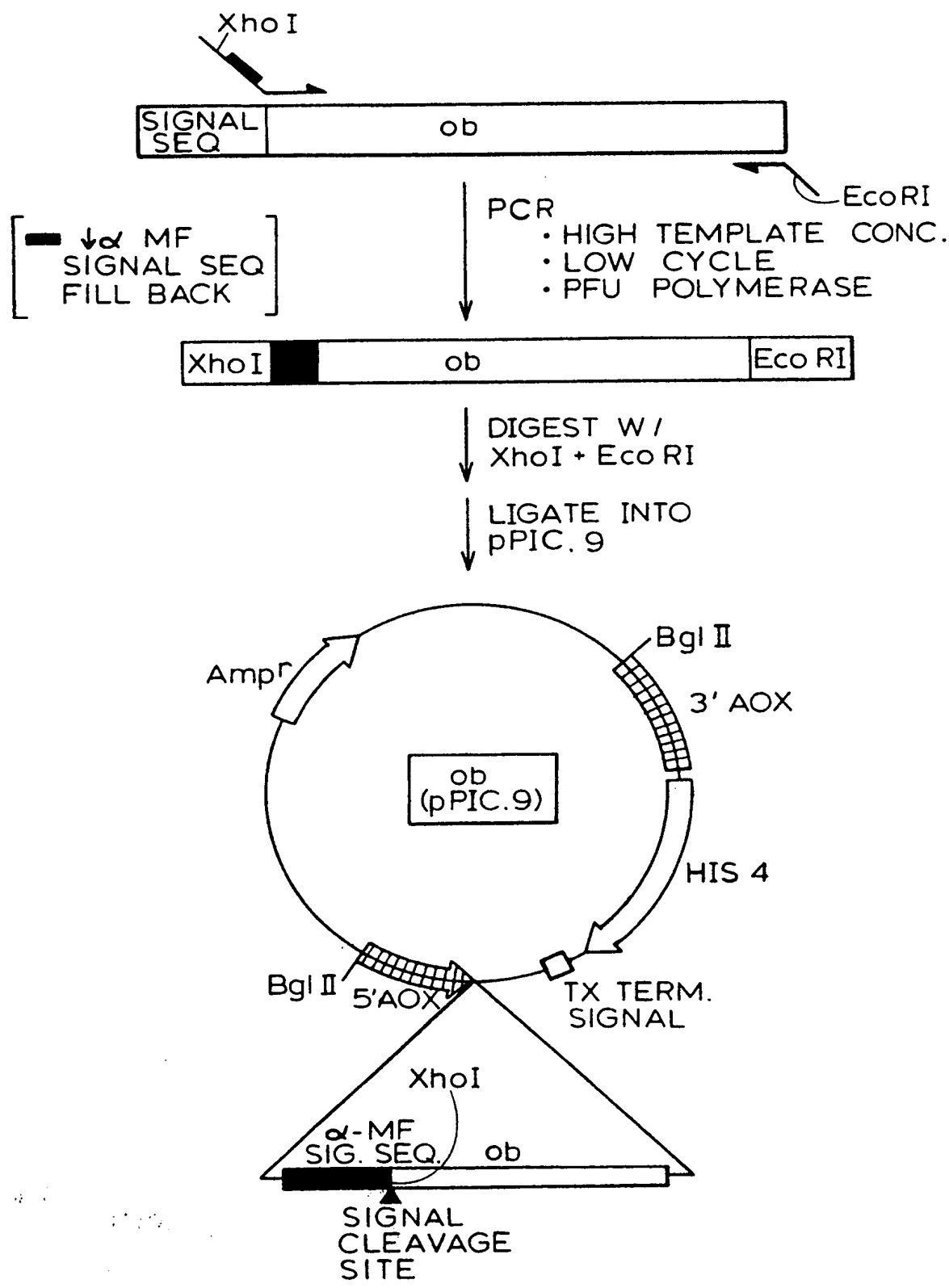


FIG. 20C



APPROVED	BY	CLASS	SUBCLASS
035	035	035	035
KRAFTSMAN			

FIG.21A





APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FIG. 21B

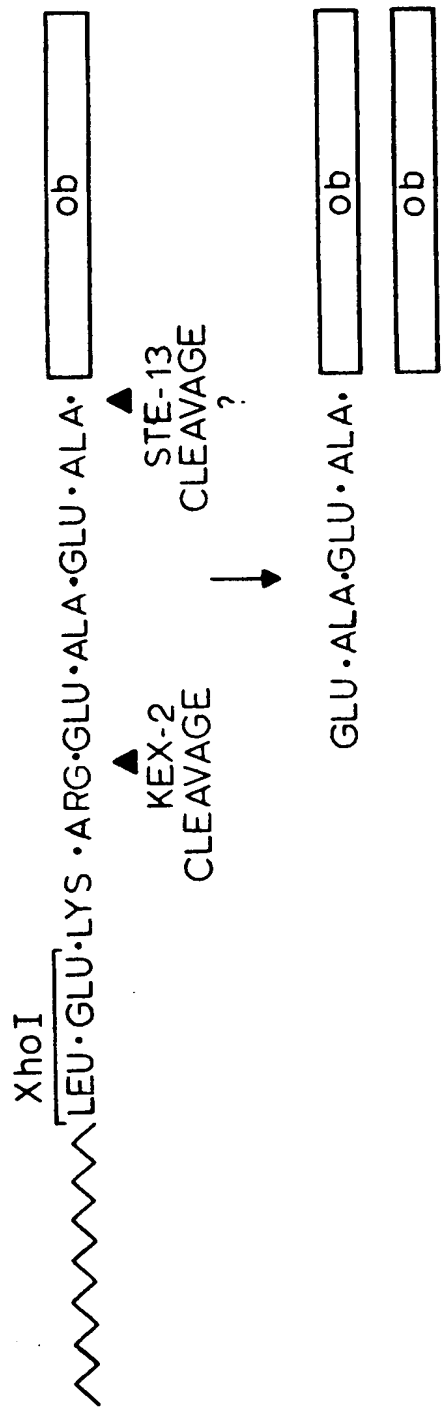
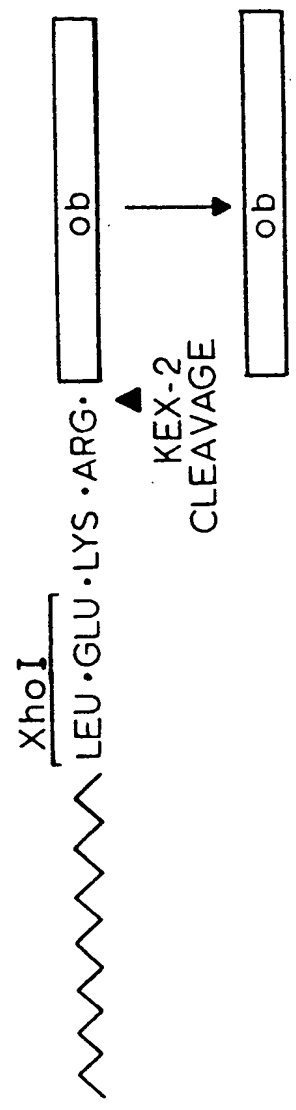
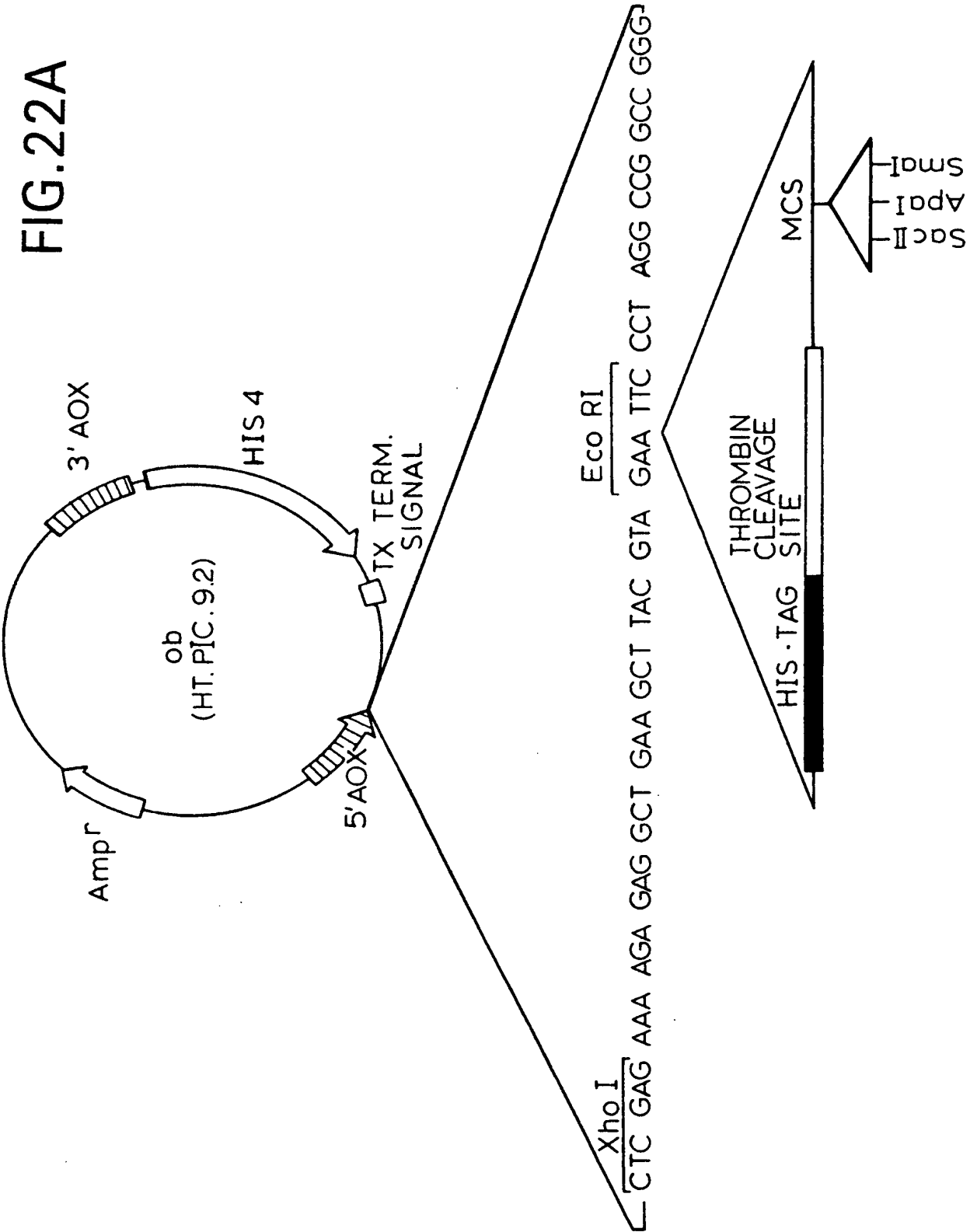


FIG. 21C



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
EDGAR FISMAN		





APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

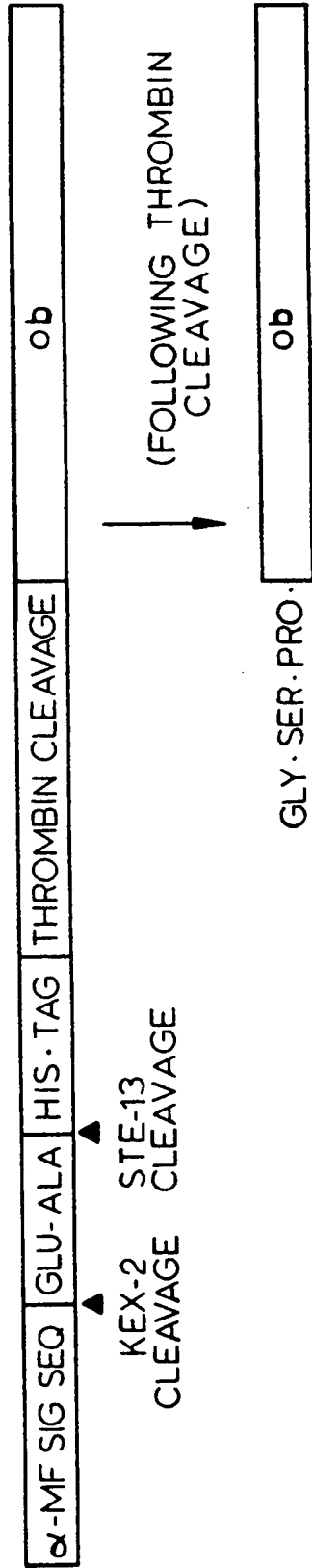


FIG.22B



APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

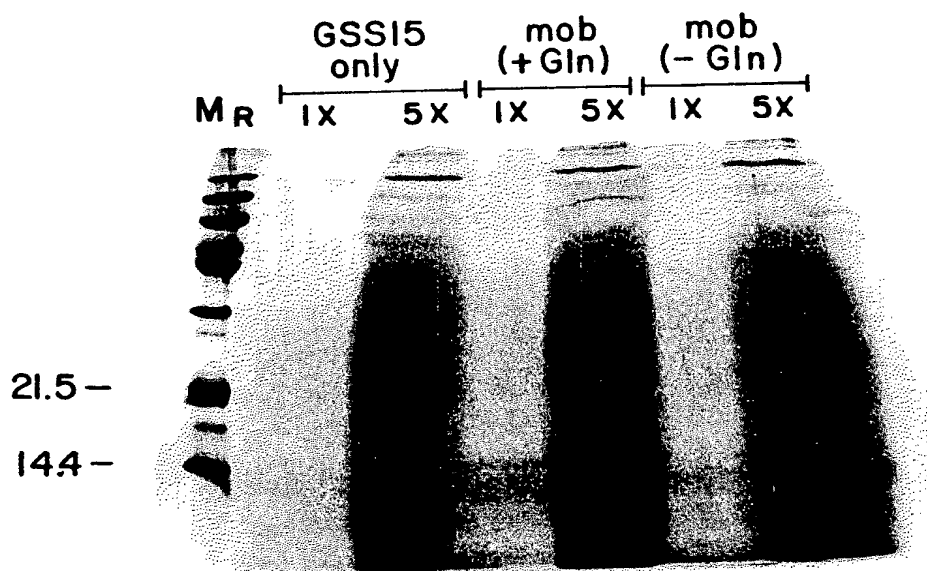


FIG.23A



APPROVED	O.C. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

1   2   3   4   5

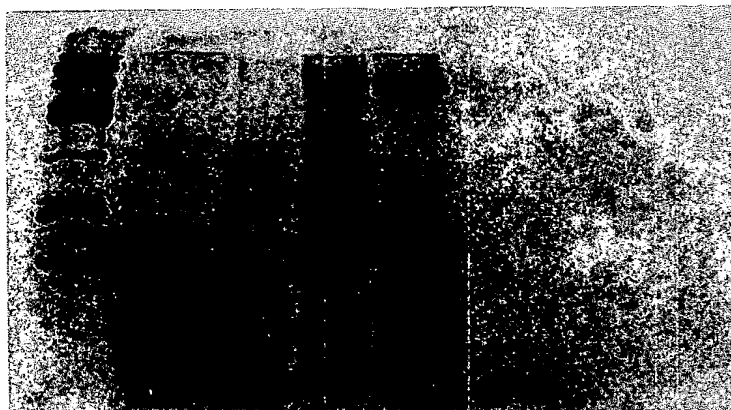


FIG.23B